

III. *An Account of part of a Collection of Curious Plants and Drugs, lately given to the Royal Society by the East India Company.*

A Preface to the following Account by the Publisher of these Transactions.

AT the beginning of the 20th Volume of these Papers, an Account was promised of a *Curious Collection* of *Plants* and other *Simples*, gathered by Mr *Samuel Brown*, a Physician at *Fort St George* in the *East Indies*. The performance of which promise has been hitherto delayed, because some of the *Seeds* were distributed and raised in the most *Curious Gardens* in *England*, as at her Grace the Dutchess of *Beaufort's* at *Badminton*, the Right Reverend the Bishop of *London's* at *Fulham*, at Dr *Robert Vuedale's* at *Enfield*, Mr *Jacob Bobart's* in *Oxford*, Mr *Du-Bois's* at *Mitcham*, and Mr *Sam. Doody's* at the Apothecaries Garden in *Chelfey*. Some additional informations have been by this means received, and 'twas hoped more might have been had; and this has been the occasion of the delay of this account.

It shall contain the whole and entire *Observations* of Mr *Brown*, without any abridgment. His *Observations* shall have his name subscribed to them, to distinguish them from the *Remarks*, designed to be added by Mr *Petiver*, which will give his *Thoughts* and *Discoveries* concerning these *Plants*, he having observed 'em in other Collections, raised in *England* from *Seeds*, or described in *Books* already printed. He was thought the fittest person, as well for his great abilities in this kind, as that they were gathered at his desire, and that Mr *Brown*, who presented

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sent them to the *Company*, refers in some of these *Books* to some of the same kinds he had sent him before, as will appear hereafter.

The *Order* in which they are designed to be published is such as they came over in : The *first Book* will be in this *Transaction*, the others in those succeeding, as they can be got ready at *Gresham College*, and for the *Press*.

The *Plants* themselves, and the *Original Papers* of Mr *Brown* are kept in the same *Order*, and with the same *Numbers* in the *Repository* of the *Society* as they are here published, for the inspection of the *Curious*, who are desired to handle them tenderly, lest they should be injured; and the good intentions of the *East India Company* and *Royal Society* be frustrated, which are, that they may last for the *Information* and *Use* of all inquisitive *Persons*, and be forthcoming on all occasions wherein they can be of *Service*.

That they may be of great *Use* to the publick, is manifest from this one particular. Some years ago, I think, ever since the year 1672, a *Root* was made great *Use* of with some Success in *Epileptick*, *Convulsive* or Head Diseases; 'twas call'd by Dr *Peachy*, a Physician since dead, *Cassumunar*, and a sheet of Paper was then printed of its *Vertues*. It seem'd to be a kind of *Zedoary* better than ordinary; but whence it came, or how to come by it, (the name being feign'd to hide it) and the person dead, none cou'd tell. When I saw this *Collection* at the *East-India-house*, I found amongst other things this *Root* by the name of *Bengalle*, and an account that it was much used by the Natives in the *Indies*. I told some *Drugsters* of this discovery, they sent for it, and have receiv'd it from the *Indies* by that name, and now it is better understood, as will appear by these papers, and to be had in greater plenty, so that even the poorer sort of *People* may receive benefit by it at a more moderate price, and
the

the *Merchant* receive advantage by trading in a new Commodity.

This is one of many Discoveries which are already made by this Collection, which I hope will sufficiently excuse me to those worthy persons I mov'd to solicit in this affair that Honourable Company ; who, upon understanding the matter, and the importance of it, very readily granted their request.

Mr Sam. Brown

His First Book of East India Plants, with their Names, Vertues, Description, &c. And some additional Remarks, by James Petiver, Apothecary, and Fellow of the Royal Society.

THESE Plants were gathered from February the 26th to the 28th, at *Hinguer Pollum*, about 20 miles from *Fort St George*.

Plain *Clay* ground, somewhat *Stony*, not fit for Tillage, a meer *Wilderness*.

1 *Cherry-Mango*.

No. 1.

Mango Sylvestris Madraspat. *fructu Cerasi. Musæi Petiveriani* No. 659. *Moruttan-chidde* Malab. *Musei Petiver. No. 659.*

Of this there is another sort little differing, only that the *Leaves* are a little longer and sharper, which the *Malabars* call *Cantman-chidde*.

This is a small *Tree* about 6 or 8 foot high. I have not seen the *Fruit*, the *Flowers* have a very pleasant smell, the *Leaves* taste almost like *Tea*. I can learn nothing of its *Vertue* as yet. Mr Sam. Brown. *Description*

2. *Madras* Flower-Fence, with membranaceous pods

Crista Pavonis auriculata, non spinosa, filiquis membranaceis e Madraspatan. *Mus. Petiver. 635.* *Avaree* Malab. *Mus. Petiver. 635.*

This *Shrub* is about 2, 3, and sometimes 4 foot high, and bears a flat pod about a finger long, and more than an inch broad. S. B. *Description*

Virtue. It purges both in *Infusion* and *Powder*, and is given by the *Natives* in the *Pox* and lingering *Fevers*. Mr *Sam Brown*.

Tab. Plut Dr *Plukenet* hath given a lame Figure of this in his
 314. Fig. 4. *Phytogr. Tab.* 314. Fig. 4. and hath very little rea-
Hernand. son to suppose this *Oriental Shrub*, to be the *Tepehoax-*
 p. 410. *in of Rcechus* pag. 410, which bears red *Flowers* and
Mant. two *Seeds* only, whereas the *Flower* of this is yellow,
Alm. Bot. 169. 1. 36. and the *Seed* seldom or never fewer than six.

3.

3. *Vedudee* Malab.

Muf. Pe- *Siliquosus Madraspat. frutex Glycrrrhizæ foliis alternis*
tiver, 476. *Muf. Petiver 476.*

Height. This is a *Shrub* with slender Branches about 4 or 5 foot high.

Virtue. It is very good to expel *Worms* of all forts, and to ease pains proceeding from them. The *Juice* is very bitter ; they chuse therefore to eat a handful of *Leaves* boyl'd. *S. B.*

4. *Neer-corea* Malab.

Place. It grows in wet places, *Padde Fields*, &c. It is about
Height. a foot high. I know no *Physical* use of it. *S. B.*

5. *Telanaiureve* Malab.

Height. This is a small *Shrub* about one or two foot high.

Virtue. It strongly provokes *Urine*, if the *Decoction* of the roasted *Herb* be taken with a little *Powder* of *Borax*.

Variety. Of this there is another larger sort. *S. B.*

Remarks. This seems to differ very little or nothing from our
H. Mal. v. common *Melilot*, and if it be the *Siendadi pullu Hort.*
 9. Tab. 40. *Malab. Vol. 9. Tab. 40. p. 75.* the Figure of the *Leaves*
 p. 75. *Pluk.* are not well exprest, they being too broad and not cre-
 45. f. 5. nated. Dr *Plukenet's Icon* in his *Phytograph Tab. 45.*
Pluk. 45. Fig. 5. is not much better, his being also whole and
 f. 4. set altogether from one base, whereas the extream Leaf
 should stand at some distance from the Pair. It rather agrees with his 4th Figure in the same Table, which also comes from these parts, and perhaps may be both one Plant.

6. *Lau-*

6. *Laurus Madraspatana* *Canellæ albæ foliis*. Pungalu Mal. 6.

This is a small Tree about 8 or 10 foot high : the *Height.*
Fruit of this boyl'd and beat to a pulp, applied to *and Vertue.*
scal'd Heads cures them, as also the *Itch* ; but the *Oyl*
of the *Fruit* by expression is much better, and may be
also taken inwardly. S. B.

7. *Chrysanthemum Orientale foliis crispis* Mus. Petiver 373 7.
Conyza minor Indiæ Orientalis, *Nelapu* Malaborum Mant. Syno-
Alm. Bot. 55. It may also be the *Chrysanthemum Bengha-* nym.
lense angustifolium pusillum summo caule ramosum of the Mus. Pe-
same Author in his *Phytogr.* Tab. 21. Fig. 4. the *Figure* tiver 373.
being taken from a poor specimen, as many of his o- Mant.
thers are. Alm. Bot.
55. Pluk.
21. fig. 4.

It grows a foot or two high, has an *Herby* or *Grass-*
like taste : the *Natives* mix with this 8 or 10 other
Ingredients, and give it in *Fevers*. S. B.

8. *Muladundee* Malab.

Capparis spinosa duplicatis spinis fol. acuto Mus. Peti- 8.
ver. 625. Mus. Pet.
625. Pluk.
107. fig. 3.
218. fig. 7.

Dr *Plukenet* hath given a very imperfect *Icon* of this
in his 107th *Table* Fig. 3. under the improper Epithet
of *Rhamnus*. It may also be his *Ramnus fortès Arbuscula*
Evonymifolio spinis gemellis Madraspatana Tab. 218.
Fig. 7. being very like it, and coming from the same
place.

There are *three sorts* of this *Tree*, of all which they
boyl the *Bark* of the *Root* in either *Coco* or *Gingelee*
Oyl to cure *Scabs* and *Itch* , but take it not *inwardly* as
I can learn : This is a trayling prickly *Plant*, rises a-
bout 14 or 15 foot high, and is supported by *Trees*, &c.
I take it for a species of *Capers*. S. B.

9. Aromatick Eye-bright from Madraspatan. Marre-pon- 9.
du Malab. This when fresh, has a weak but pretty
aromatick smell, it bears a *white Flower*, which when
dry looks blewish. S. B.

Phil. Transact. No. 224. p. 328. fig. 31. This is described in the *Philosoph. Transact.* No. 244. Dr *Plukenet* hath given such a sort of an *Icon* of this *Herb* in his 177th Table, Fig. 6. that when he came to see it in his Collection, he was so far from knowing it again, that he makes a new Plant of it, adding Mr *Brown's* Epithet of *Aromatick* to it, but supposes it to be another he had before figured under No. 3. Tab. 118. and if so, here is one Plant made three. I wonder so great a Botanist as Dr *Plukenet* should not know his *own Plants*, especially such he had taken the pains to *Figure*.

10. Niconee Malab.

This is a small *Tree*, 7 or 8 foot *high*, and sometimes as *thick* as a man's Leg. The *Natives* use it instead of *Candles* and *Torches*: one time when I Travelled up the Country in the night they were my lights. S. B.

The specimens of this *Shrub* are so impaired, that from what remains, it's difficult to reduce it to any certain *Tribe*.

Phil. Transf. No. 224. p. 233. Fig. 1. 11. Sweet Flowred *Angola*. *Odängee*, or *Odinjee* Malab. *Arbor Madraspatana floribus hexapetalis heptapetalisve, fructu coronato* Phil. Transf. No. 224. p. 313. Fig. 1.

This *Tree* grows 40 or 50 foot *high*, and *thick* as a lusty man's middle, the *Flowers* smell sweet, while fresh.

A *Decoction* of the *Bark* of the *Root*, is good for colds and stiffness of the *Lambs*. Of the *Fruit* they make *Oyl* good for cold *Pains*, and serves their *Lamps*. S. B.

Phil. Transf. No. 224. p. 320. Fig. 25. 12. *Baccifera racemosa* Madraspatana *Lauri Cerasi foliis, floribus parvis numerosissimis* Phil. Transf. No. 224 p. 320. *Curaum chedde* Malab. This grows as *thick* as a man's Leg, and 20 foot *high*, the fresh *Flowers* have a sweet smell. The *Fruit* they roast and eat. S. B.

14. Coodee Chittammutte Malab.

14.

This with *Gunta Paringe*, *Succu. Tipselee mullu. Chaveum. Chitra-mullum. Candun-gatree. Nelawammoo. Pantpauticum. Cutta mullee. Canjeerever.* These eleven they boyl and drink the *Decoction* of, for all sorts of intermitting *Fevers*. It is a weak *Herb*, and for the most part *Trails* or lies on the *Ground*. S. B.

Dr *Plukenet* calls this in his *Phytograph* Tab. 132. ^{Pluk. 132}
Fig. 3. *Althea minima surrecta* ^{Fig. 3.} *Veronica villosis foliis e Madraspatana.* Yet in his *Correct Mantissa* gives it again as new, with the Character of *procumbens*, which he ought to acknowledge Mr *Brown* for, but how he can prove it *surrecta* too, himself can only best inform us.

15. Coata-corundee Malab. Boordarum Indostan.

15.

It grows in *moist* places, the *Flower* of a deep red or purple, the whole Plant of a most grateful *Smell*, it grows sometimes a foot *high*. The *Powder* of this with 3 or 4 other things they use for the *Pox*, a drink of this with three more they cure *Fevers*. The bottom *Leaves* are sometimes 3 or 4 inches *long*, and one or two *broad*. S. B.

That most celebrated Botanist, Dr *Plukenet*, may very well boast of his innumerable species of Plants, if he multiplies others as he has done this, making it *three* different *Herbs*, as you may see in the *Philosophical Transactions*, No. 224. p. 382. Fig. 18. ^{Pluk. 108. Fig. 7. Pluk. 312. Fig. 6. H. Mal. v. 10. Tab. 43. p. 85. 16.}

16. Nalauppe Gent Mucotarre Malab.

A sort of *Caper*, being of the same *Species* with No. 8. It's a prickly *Bush* about three foot *high*, the *Flowers* sweet, the *Fruit* small and very bitter, the whole Plant, that excepted, is good for the *Pox*, as also for *Fevers* and *Cough*, mixed with other things. S. B.

17.
Pluk. 228.
Fig. 1.

17. *Cant-mulle* Malab. *Addemee-malle* Gent.

Syringa scandens Madraspatana *Fraxini foliis densifloribus, claviculis donata* Pluk. Phyt. Tab. 228. Fig. 1.

The *claviculae* to this Plant are wholly owing to the *Doſtor's* own donation, and had his Epithet of *Scandens* been also left out, it had been less maqueraded, being an erect Plant rising three or four foot high, and divides into many Branches, the Flower very fragrant, and Fruit small, which they soak in water all night to bring off the Husk, then Boyl it, which is good food. S. B.

18.

18. *Larustinus* Madraspatanus *trifoliatus*. *Punanchidde* Malab.

This is a Shrub about five or 6 foot high, and as thick as a mans Thigh. The Natives mix the Juice of its Bark, which is very thick, with Lime, to make it last long, and by this means it becomes as hard as Stone. S. B.

Ray H.
Pl. 1801.
Pluk. 14.
fig. 5.

Dr Plukenet confounds this Tree with his *Arbor aromatica e Coromandel Laurinis foliis binis ternisve nostris* Raij H. Pl. 1808. Phytogr. Tab. 14. Fig. 5. which if he had nicely considered the Flowers of, he would have found them very different, and his Leaves are sometimes 4 together, as well as 2 or 3, whereas this is constantly trifoliated.

19.

19. Mr Du-Bois his Madras weltd Sun-Flower.

Pluk. 160.
fig. 5. H.
Oxon.
Sect 6. p.
25. No.
83.

Chrysanthemum parvum ramosissimum, membranaceo caule Madraspatense Pluk. Tab. 160. Fig. 5. Hist. Oxon. Sect. 6. p. 25. No. 88. *Charangulle* Malab.

It's a small low Plant six or eight inches high, of a faint sweet smell. It sometimes grows of itself in Gardens. S. B.

20.
H. Mal.
V. 9. 7.
18. p. 31.

20. *Ferrum Equinum majus* Malabariense *siliquis in summitate* Comel in Hort. Malab. V. 9. Tab. 18. p. 31. Mus. Petiver. 53. *Neer-pundo* Gent. *Neruchadday* Malab.

This

This grows in the *Water*, the *wood* of the Branches ^{Pluk. 309.} which are very long and lye on the surface of the ^{Fig. 3.} *Tanks* or *Ponds* curl'd in Rings one within another, is very light and spongy, and so soft, that you may squeeze it how you please. S. B.

Dr *Plukenet* hath not only needlessly and lamely *Figured* this Herb *Tab. 309. No. 3.* it being before much better done in the aforefaid *Hort. Malab.* but since that, to confound and multiply species, has given it again as *New* in his *Mantissa* p. 140.

21. *Lychnis Indica* *Gentianæ foliis*, *Febrifuga*, ^{21.} *Giritilla* *Zeylonensibus* *Musf. Petiver. 657.* *Narre* ^{Musf. Pet. 657.} *comptee Malab.*

This grows 6 or 8 inches high in wet places, the mid-day Sun parches it. S. B.

22. *Centaurium elatius* *Clinopodij folio* *Hinguer-Pollumense* *caule hirto.* *Mucaorundce* *Malab.* ^{22.}

This rises with slender weak Branches about 3 or 4 foot high, when fresh it smells like *Chinches*, the *Natives* eat it for pains in the back. S. B.

23. *Ambrosiæ affinis e Madraspatan* *Persicariæ folio* *Musf. Petiver. 605.* *Nonducallacree* *Malab.* ^{23.} *Musf. Pet. 605.*

This is a *water Plant*, grows 6 or 8 inches high, the *Natives* eat it. S. B.

24. *Samolus* *Hinguer-Pollumensis* *Satureiæ rigidis foliis.* *Arraveenampoondoo.* *Malab.* ^{24.}

This rises about a foot high, thrives best in hard ground. *Boyl'd* in *Oyl* of *Coco-nut* with other things, the *Natives* cure *Palsies* of long standing. S. B.

25. *Genista tinctoria* *Madraspatana* *foliis sericeis.* ^{25.} *Nellacrandee* *Malab.* It grows in hard ground 6 or 8 ^{Pluk. 205.} inches high. S. B. The *Author* of the *Phytographia* ^{Fig. 7.} *Tab. 205. Fig. 7.* hath given a very imperfect *Figure* of this, under the title of *Myosotis*, an *Epithet* very different from the genus of the *Plant*.

26. Mallewamboos *Malab.* Trucaweampaue *Gent.* Margosa de Mato *Portug.* Of this *Tree* there are 3 sorts more, viz. Carreampelle, Nelle wampulle and Nalee weamboos. This here is the worst sort, and is only good for cold pains washing with the Decoction. The whole *Tree* is very bitter, is above 20 foot high, and as thick as a mans thigh; the *Fruit* is round. *S. B.* This is a species of the *Azederack* or *Bead-tree*.

Azederack.

27. Neala poondoo *Malab.* Grows in hard ground on the banks of *Fields*: This with four or five other things the *Natives* cure pains from *Wind* or *Cold*. *S. B.*

28. Ette *Malab.* Mutte chettu *Gent.* the *Dutch* call it *Lignum Colubrinum*.

This *Tree* is 15 or 20 foot high, as thick as a mans thigh, the *fruit* round, of an *Orange* colour when ripe, till then green. Some are as big as *Apples*, others but little bigger than *Cherries*. The *Fruit*, *Leaves* and *Root* beaten to mash, and boyl'd in the Oyl prest out of the *Nimbo* Kernels, is by the *Natives* used outwardly, and taken inwardly as a Sovereign Medicine against the poisonous bites of venomous *Serpents*, &c. as also in the *Palsie* and old *Aches*, but they use not the *Decoction* of it in *Wine* nor *Water*, for *Fevers*, as the *Dutch* do. The *Flowers* are of an ash colour when fresh, and stink after an odd manner which I can't describe. *S. B.*

Of this here are three sorts more, viz. Code Ettee, Nellawatachittu and Tetammaraum. *S. B.*

This is a species of *Nux Vomica*, and there being several sorts of it, as Mr *Brown* here observes, it's thought more proper to take another opportunity to give you the differences of them together.

29. *Polygonum multiflorum Hinguer-pollumense.* Nechetta-poondoo *Malab.*

This

This trails on the ground half a yard long, the Natives boy! and eat it. S. B. It's like our common Knotgrafs, but hath more Flowers and leffer Leaves.

30. Velacaunumboo Malab. and Gent.

30.

It grows in hard ground, in dry places. S. B.

Were not Dr Plukenet too fond of the guilt he charges others withal, viz. to multiply species and confound Botany, he would not thus frequently make 2 or 3 plants of one, especially such he had reason to suspect, were by others very well described, as for example, this plant which seems little or nothing different from the *Gnaphalium ad Stechadem citrinum accedens* I. Bauhin. Vol. 3. lib. 26. p. 160. fig. chabr 371. Ray. H. Pl. 284. and which Dr Sloan in his Catalogue of Jamaica Plants, p. 125. observes to sport very much as well in its Heads as Leaves; Yet this the Doctor figures as a Non-descript. Tab. 187. f. 5. and after that in his Mantissa p. 92. he gives it again as new; which in so great a Botanist I would willingly believe proceeds rather from forgetfulness than design.

IB. V. l. 26.
p. 160. fig.
& prodr.
79. Chabe
371. fig. 2.
Ray H. fl.
284. pl. 17.
Jam. Plant.
125. Pluk.
187. fig. 5.
Mant. A.
Bot. 92.

31. Ocimum Hingner Pollumense floribus exiguise densè spicatis. Kerandee Chidde Malab.

31.

This rises about a foot high, grows in dry places. S. B.

32. Kaineepu Malab.

32.

This has a pretty smell, tho small, it grows in moist places. This is that you judged (Mr James Petiver) to be a species of Eye-bright; the Flower is blue near the middle, and white round the edges. S. B.

33. Pulandee Malab.

33.

Bruised and boiled and mixt with Oyl of Aumene-conne (which Parkinson calls *Ricinus* five Cataputia major vulgator) is a good Remedy for a Thrush in Childrens mouths; the Juice given 3 or 4 spoonfuls to a man for Cholick pains, gives 2 or 3 stools, and

Vertue.

Place. in two or three days cures. It grows in *dry* places,
Height. about a foot *high* ; has an herby taste. S. B.

Taste. Under this name here are two varieties, which
Pluk. 86. Dr *Plukenet* has distinguished in his *Phytographia*, Tab.
Fig. 5. 86. Fig. 5. and 6. but since that in his *Mantissa* p. 154.
Pluk. 86. (having forgot these,) he hath there dwindled them
Fig. 6. both into one new one.

34. 34. *Tamariscus Madraspatana Cupressi facie Mus.*
Mul. Pet. *Petiver.* 681. Autacore Malab.

an ? T. 3. This grows in *sandy* ground, which in the Rain
c. B. time is overflowed. I take it for a *species* of *Tama-*
485. *riske*, but it grows not in this Country to any big-
 ness ; the thickest I ever saw here, was about as *big*
 as my wrist, and 3 or 4 foot *high*. S. B.

35. 35. *Samolus Madraspat. Gram. Leucanthemi foliis*
Phil. *Philos. Transf.* No. 224. p. 325. fig. 25. Where I have
Tranf. fully described it. My *very worthy* and *ingenious*
224. p. Friend Mr Edward Bulkley Surgeon, at Fort St George
325. No. tells me, being grownd with water and rubb'd on the
25. Body, it cures the *swellings* thereof.

36. 36. *Conyza Madraspatana Carthami folio.* Puke-
Pluk. 87. rande Malab. When fresh has a good smell. S. B.

fig. 5. After Dr *Plukenet* in his *Mantissa* p. 188. had given
Pluk. 177. this amongst the *Virga aureas* as a *new plant*, he imme-
f. 1. Par. diately corrects his Judgment, and supposes it may be
Bat. 157. more properly rankt amongst the *Eupatorii*, where,
 if he has not twice figured it, *viz.* Tab. 87. fig. 5. and
 Tab. 177. fig. 1. he would do well to set them in a
 clearer light, having very confusedly joyned other
false synonyms to them, as that accurate Botanist Dr
Herman hath also observed, and in some measure
 corrected in his *Paradysus Batavus.* p. 157.

37. 37. *Galeopsis Hinguer-pollumenis flore minimo,*
spica tenuiore. Karundee poondoo Malab.

This grows in *dry* places, about a foot *high*, is good
 with other things for *Childrens Fevers.* S. B.

38. Va-

38. Vatakelugelepe *Mal. Geleka-chittu Gent.* 38.

Dr *Hermans* yellow *Malabar Rattle Broom* with *blunt leaves*. *Crotolaria Asiatica* folio singulari cordiformi floribus luteis *H. Leyd.* 201. fig. and *descr.* *Genista Malab.* fol. singulari Floribus luteis, filiquis bullatis *Com.* in *H. Mal.* *Genistella Indica* major, *Salicis* folio glabro obtuso cordiformi fl. luteo minore *Breyn.* prodr 2. Tandale-cotti *H. Malab.* Vol. 9. Tab. 25. p. 45. *Ray H. Pl.* 1894.

H. Leyd.
201. fig.
Breyn. Pr
2. p. 50.
pl. 5.
H. Mal. V.
9. T. 25.
p. 45.
Ray H.
Pl. 1894.

This grows three foot high or more, in dry places. *S. B.*

39. *Samolus Madraspat.* floribunda, verticillis plurimis dense stipatis. *Kalureevee Malab.* Is hot, will raise Blysters and dissolve *Buboes*, if timely applyed, for which the *Natives* often use it. *S. B.* 39.

This Dr *Plukenet* hath given us twice over, viz. in his *Almag.* p. 205. pl. 9 and *Mantissa* p. 112. It's strange so nice a *Botanist* should rank this *Herb* amongst the *Docks*, from which *Tribe* it vastly differs, being full of *capsules*, and each containing many small *Seed*.

Alm. Bot.
205. pl. 9.
Mant. 112.

40. *Sinapistrum Malabaricum* diphyllon. *Kaukau-poondoo. Malab.* It grows about two foot high in dry places. *S. B.* 40.

Dr *Plukenet* first communicates this to Mr *Ray*, (in his *Hist. Plant.* p. 1903.) under the improper *Epithet* of *Asclepiadi* affinis filiquis foliaceis pappis destitutis; after which, without mentioning this *Synonym* (being I suppose ashamed of it) he figures it under another name, viz. of *Sinapistrum* in his 60th *Table* fig. 5. and to shew his strength of memory in the same *Volume*, Tab. 119. Fig. 7. he gives it again as new, with a worse *Icon* than before, and only supposes it to be the *Cupa-Veela* Hort. *Malab.* Vol. 9. Tab. 33. p. 61. which without doubt it is.

Ray H. Pl.
1903.
Pluk. 60.
fig. 5. *Pluk*
119. fig. 7.
Rt. Mal.
V. 9. Tab.
33. p. 61.

41. Dr *Hermans* blue *Malabar* Rattle-Broom.

H. Mal. V. 9. Tab. 29. p. 53. Pee Tandale Cotti
 29. p. 53. *Crotolaria Asiatica* folio singulari verrucoso floribus
 H. Ludg. cæruleis *H. Lugd. Bat.* 199. Fig. and desc. *Genistella*
 Bat. p. 119. Fig. major *Indica Alni* folio fl. cæruleo spicato *Breyn. Pr.* 2.
 Br. pro. 2. p. 50. *Genista Indica Alni* folio floribus cæruleis,
 p. 50. pl. 7. filiquis bullatis *Comel.* in *H. Mal.* *Carpakelegelepee*
Malab.

This grows in dry places, about three foot high.
S. B.

42. Kadali *Madraspatana* minor, capsulis pilosis.
Caunampoondoo Malab. It grows in dry places a-
 bout a foot high. *S. B.*

Dr *Plukenet* has figured this *Tab.* 173. f. 4. by the
 Pluk. 173. name of *Echinophora*, and two others of the same
 f. 4. *Genus*, he has dispersed under different heads, the
 Pluk. 161. one he calls *Cistus Chamærodendros Tab.* 161. Fig. 2.
 f. 2. Pluk. the other he has made a *Lyssimachia*. To avoid this
 202. f. 8. confounding of *Genuces*, I have chose to call them all
 Mus. Pet. by the *Malabar* name *Kadali*, under which title there
 245. Mus. are 3 or 4 of them described in Mr *Ray's* Hist. Plant.
 Pet. 246. p. 1493. cap: 8. taken from the *Hortus Malab.* Vol.
 Ray H. Pl. 4. p. 1493. 4. *Tab.* 42. p. 87. &c. as also 2 others in my *Muse-*
 1493. H. um No. 245 and 246.
 Mal. V. 4. p. 87.

43. Hoary Willow-leaved *Malabar* yellow Rattle-
 H. Mal. V. Broom. Janapachidde *Malab.* Katou Tandale-cotti *H.*
 9. Tab. 26. *Mal.* Vol. 9. Tab. 26. p. 47. *Crotolaria Benghalensis* fo-
 P. 47. liis *Genist* subhirsutis *P. Bat. Prodr. Pluk.* Tab. 169.
 Fig. 5. *Crot. Malab.* sylv. foliis singularibus majoribus
 Breyn. Pr. floribus luteis *Comel* in *H. Mal.* *Genistella Indica* major,
 2. p. 50. *Salicis* folio lanuginoso, flore luteo amplo *Breyn. Pr.* 2:
 pl. 3. p. 50.

This I observed in *Flower*, in the Right Reverend
 the Bishop of *London*, his Garden at *Fulham*, so that
 I very much wonder after all these *synonyms* and a
Plant so well known, should by that critical Botanist
 Dr

Dr *Plukenet*, be given in his *Mantissa* pag. 58. as ^{Pluk. 169.} new, notwithstanding he had *figured* it before, yet ^{f. 5.} at the same time might know it was better done in the aforesaid *Hort. Malabaricus*.

This grows about 4 foot *high* in *dry* places, the *Natives* make *Twine* and *Ropes* of it, and sometimes use it to fume those who have *Fevers*. *S. B.*

44. Malabar *Arrowhead*. *Cooletteyella Malab.* ^{44.} ^{Pluk. 220.} Grows in the water, the *Natives* use the root bruised ^{f. 7. Phil.} to cure their sore feet, which they often have in wet ^{Tranf.} weather going barefoot. *S. B.* See its *Synonyms* and ^{No. 224.} comparative difference in the *Philosop. Transf.* No 224. ^{p. 331.} ^{No. 39.} p. 331. No. 39.

45. *Convolvulus Hinquer-Pollumensis*, fol. cordato ^{45.} polyanthos, pediculis quasi spinosis. *Moolepuncoodee* Malab.

This Climer Dr *Plukenet* positively asserts to be the ^{Scam. 1.} *Scammonea Syriaca* C B 295. or true Scamony of the ^{CB. 294.} Shops, which I am sure he has seen growing in the *Apothecaries* Physick Garden at *Chelfea*, but I believe never observed the footstalks of the Leaves to be endowed with thorn-like excrescencies, resembling ^{Pluk. 276.} that imperfect one, which he has figured *Tab. 276.* ^{fig. 3.} F. 3. Besides its *Leaves*, *Flowers*, *Seed Vessels*, and manner of growing are so very different, that he had no reason to suppose it the same.

46. *Periploca Malabarica* fol. angustissimo. *Nan-na-ree-chedde* Malab. *Segunda-pala* Gent. ^{46.}

This climbing Herb, *Leaves*, *Root* and *Branch*, the *Natives* boyl with *long Pepper*, and drink the Decocti-on in continual *Fevers*, the *Root* is of a very sweet *smell*, and I believe of more *use* than they talk of. *S. B.*

After Dr *Plukenet* in his *Almagestum Botanicum* p. 37. pl. 2. had declared this to be the *Apocynum angusto Salicis folio* CB. 303. and that it was brought from

from Madraspatan ; yet in his *Mantissa* p. 17. (I suppose only forgetting himself) he gives it again as *New*, with the *Epithet* of *A. angustifolium breviori folio*, disdaining the pains to consult the *Hort. Malabar.* where he might have found it very well Figured and Described, *viz.* Vol. 10. Tab. 34. p. 67. under the name of *Naru Nindi.*

H.Mal.V.
10. 10.
Tab. 34.
p. 67.
47.
Phil.
Transf.
No. 224.
p. 331. pl.
39.

47. Cambee-Chedde *Malab.*

Pentaphora Madraspatana ; *Nerii* flore, tubo longissimo Phil. Transact. No. 224. p. 331. pl. 38. where I have described its *Leaves, Flowers* and *Fruit.*

It rises 4 or 5 foot *high*, and as thick as a mans Arm ; the Natives eat the Fruit, when boyl'd 'tis like a *Myrobalan* ; is found in *dry* places. *S. B.*

Dr *Plukenet* ranks this amongst the *Pruniferous* Tribe, and if so, it's very strange, being the only *plumb* I have yet seen, with a Coronated Fruit, hard Shell, and many small Seed.